

# Academic Curriculum Vitae



## Personal Information:

Full Name: Dr. Mohammed Qader Khursheed  
Academic Title: Professor  
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## Education:

- 1- (27/3/2004) Awarded Ph.D in Biology (Plant Physiology), Dept. of Biology, College of Science Education, University of Salahaddin - Erbil, Iraq
- 2- (11/1/1996) Awarded M.Sc. in Plant Physiology, Dept. of Biology, College of Education, University of Salahaddin - Erbil, Iraq
- 3- (26/6/1980) Awarded B.Sc. in Soil science, Dept. of Soil science, college of Agriculture, University of Sulaimania, Iraq
- 4- (1976) Baccalaureat, Science Branch, Emam- Kasim Secondary School, Kirkuk, Iraq.

## Employment:

1. Head of scientific & higher Education affairs of college 1996-1998
2. Registrar of college 1999-2000
3. Head of 986 unit from 2000-2003
4. Head of Biology Dept. from 2004 to 31/10/2009
5. Faculties representative (Scientific Colleges) in University Council (from 2013- 2019)
6. Head of scientific & higher Education affairs of college from 1/11/2009 till 1/2/2020.

## Qualifications

- 1-(17/9/2019) Prof, Department of Biology, College of Education- Scientific Depts., University of Salahaddin - Erbil, Iraq.
- 2-(11/4/2008) Asst. Prof, Department of Biology, College of Education- Scientific Depts., University of Salahaddin - Erbil, Iraq.
- 3-(10/4/2004) Lecturer, Department of Biology, College of Education, University of Salahaddin - Erbil, Iraq.

4-(12/2/1996) Assistant Lecturer, Department of Biology, College of Education, University of Salahaddin – Erbil, Iraq.

## Teaching experience:

**Undergraduate:** Plant Physiology, Plant Anatomy, Biostatistics

**Postgraduate:** Plant Physiology, Plant Growth Regulators, Plant Anatomy, Soil-Water-Plant Relation, Stress Plant Physiology

**Lecture Books:** Plant Anatomy for 2<sup>nd</sup> Class Biology Students and Plant Physiology for 4<sup>th</sup> Class Biology Students

**Area of Expertise:** Plant Physiology, Plant Anatomy, Stress Physiology

## Research and publications

- 1- Biochemical changes during rooting period in olive (*Olea europaea* L. CV. Ashrasi) cuttings following IBA application. The scientific journal of Duhok University, 8(1) 2005.
- 2- Effect of some nutrients on rooting ability of olive (*Olea europaea* L. CV. Ashrasi) cuttings. The scientific journal of Duhok University, 8(1) 2005.
- 3- The effect of salt stress on leaf water relations, growth and yield in wheat varieties. J. of Babylon Univ., 10(3) 2005.
- 4- Effect of Some Growth Retardant on Rooting Ability and Shoot Growth of Olive (*Olea europaea* L. CV. Ashrasi) Cuttings. The journal of Ibin-Haitham, journal for Pure and Applied Sciences, Baghdad University Education Ibin-Haitham College, 19(4A) 2006.
- 5- Effect of foliar application of zinc on growth, yield and some chemical constituents of faba bean (*Vicia faba* L. sham local cv.) plants. The scientific journal of Duhok University, 10(2) 2007.
- 6- Effect of Different Auxins and Type of Cuttings on Rooting Ability of Orange (*Citrus sinensis* L. Local Cv.) Cuttings. The scientific journal of Salahaddin Univ., Zanco, 19 (2) 2007.
- 7- Effect of different auxins and application's methods on rooting ability of olive (*Olea europaea* L. CV. ashrasi) semi-hardwood cuttings. The scientific journal of Duhok University, 10(2) 2007.
- 8- Effect of foliar application of Salicylic acid on growth, yield components and chemical constituents of Wheat (*Triticum aestivum* L. var. Cham 6). 5<sup>th</sup> Scientific Conference of College of Agriculture -Tikrit University from 26 to 27 April 2011, special issue.
- 9- Effect of Mepiquat Chloride on Growth of Wheat (*Triticum aestivum* L. var. Cham 3) under Water Stress Conditions. The scientific journal of Salahaddin Univ., Zanco 23 (1) 2010..
- 10- Effect of salicylic acid on some biomass and biochemical changes of drought- stressed wheat (*Triticum aestivum* L var. cham 6) seedlings. The scientific journal of Duhok University, 13 (2) 2010.
- 11- Effect of Foliar Application of Ascorbic acid on Mineral and Biochemical Constituents of Wheat Grown under Salt Stress Conditions. The scientific journal of Duhok Univer., 15(2):36-44, 2012.

- 12- Effect of Foliar Application of Ascorbic acid on Growth, Yield Components and Some Chemical Constituents of Wheat. The scientific journal of Salahaddin Univ.,Zanco 24(1) 2012.
- 13- Effect of Foliar Application of Ascorbic acid on Growth, Yield Components and Some Chemical Constituents of Wheat under Water Stress Conditions (Jordan J of agriculture science- 10(1) march 2014.
- 14- Effect of Salicylic Acid on Shoot and Root Biomass, Some Ionic and Biochemical Changes in Wheat-accepted in 4TH International Conference and Workshops on Basic and Applied Sciences, Malaysia from 3rd to 5th September 2013,Abst.pp.69
- 15- Response of Barley (*Hordeum vulgare* L.) Plants to Foliar Fertilizer with Different Concentrations of Hoagland Solution. Raphidain Sciences J. (392), 8/4/2014.
- 16- Effects of Saline Water on Shoot and Nutrient Accumulation of Four Wheat Cultivars. Raphidain Sciences J. (390), 8/4/2014.
- 17- Effect of Different Nitrogen Fertilizers on Growth and Yield of Wheat. Zanco Journal of Pure and Applied Sciences Vol.27, No.5,2015.
- 18- Effect of Soaking Seeds in the Plant Growth Regulator Solutions on Growth of Wheat (*Triticum aestivum* L.). The scientific journal of Koea Univ. ARO, Volume IV No. 1, 2016.
- 19- Effect of Different Drought Stress Levels on Morphological, Growth and Yield of Six Bread Wheat (*Triticum aestivum* L.) Cultivars.The official scientific journal of Salahaddin University-Erbil ZJPAS (2016), 28 (3); 37-48
- 20- In vitro culture characters of some Bread wheat genotypes under Drought stress condition Journal of Agricultural Faculty of Uludag University, 2016,Volume: 30, Number: Special Issue, 11-16.
- 21- Drought Tolerance and Genetic Diversity among Selected Wheat Cultivars. The official scientific journal of Salahaddin University-Erbil ZJPAS (2017).
- 22- Effect of Different Concentrations of IBA on Rooting Ability and Shooting in Olive (*Olea europaea* L., cv. Dgel) Cuttings. International Conference and Workshop on Basic and Applied Sciences 2017. March 18th-19th 2017, Erbil-KRG-IRAQ.
- 23- Abscisic acid accumulation and physiological indices in responses to drought stress in wheat genotypes. The Iraqi Journal for Agricultural Sciences, 2019, 50(2):705-712
24. Synergistic effects of rhizobial inoculum with chemical fertilizer on growth and yield of wheat. APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH 17(4):10119-10138
25. Improvement of wheat quality and soil fertility by integrates chemical fertilizer with rhizobial bacteria. The official scientific journal of Salahaddin University-Erbil ZJPAS. 124(26/11/2019)
- 26- Effect of Foliar Application with Yeast Extract and Methanol on Morphological and Yield characteristics of Faba bean (*Vicia faba* L.)” by Maqsuda Qader Muhammad , Mohammed Qader Khursheed and Nihayat Hamadamin Hasan. *Plant Archives*, Vol. 20 No.2 October, 2020.
27. Hypolipidemic Efficacy of Omega-3 Fatty Acids in Comparison with Rosuvastatin in Induced

Hyperlipidemic Albino Rats. Shahrokh Mojarrad, Nadir Mustafa Qadir Nanakali, Mohammed Q. Khursheed. International Journal of Pharmaceutical and Phytopharmacological Research (eIJPPR) | October 2020 | Volume 10| Issue 5| Page 170-178

- 28- Some Biochemical and Biomass Responses of Wheat [*Triticum aestivum* L.] to Suboptimal Water Supply and Different Potassium Rates. Shno Y. Hussian and Mohammed Q.khursheed. Al-Kufa University Journal for Biology, VOL.14 / NO.3 / Year: 2022
- 29- Response of Durum Wheat (*Triticum durum* L.) Genotypes to Drought Stress at Early Growth Stage. Sirwa Anwar Qadir, Maqsuda Qadir Muhammad and Mohammed Qader Khursheed. Al-Qadisiyah Journal For Agriculture Sciences (QJAS), Vol.12, Issue. 2 ,(2022), pp. 121-129.
- 30- Response of Durum Wheat (*Triticum durum* L.) Genotypes to salinity at Early Growth Stage. Maqsuda Qadir Muhammad , Mohammed Qader Khursheed and Sirwa Anwar Qadir. ZANCO Journal of Pure and Applied Sciences, (2023) , 35(2);173-180.
- 31-Effect of Plant Density on the Physiological and Quality Trait for Different Varieties of Wheat (*Triticum aestivum* L.). Mohammed Qader Khursheed and Zhala Muhammad Ameen. Al-Qadisiyah Journal For Agriculture Sciences (QJAS), Vol.13, Issue. 2 ,(2023), pp. 85-96.

#### **Thesis Advising:**

- 1- Effects of Salicylic Acid on Growth and Chemical Constituents of Wheat (*Triticum aestivum* L. var. Cham 6) under stress conditions (Miss Fakhrya M. Karim, 2009). M.Sc.
- 2- Wheat (*Triticum aestivum* L.) Response to Ascorbic Acid under Normal and Abnormal Conditions (Miss Zhwan Hussain Khalid, 2010). M.Sc.
- 3- Effect of Drought and Mepiquat Chloride on growth of Two Wheat (*Triticum aestivum* L.) Cultivars (Miss Zhala Muhamad Amin, 2011). M.Sc.
- 4- Effect of *Rhizobium* Bacteria on Growth of Maize (*Zea mays* L.) (Miss Salwa Hussian Kamel, 2014). M.Sc.
- 5- Morphological, Biochemical and Physiological Indices for Drought Tolerance in Wheat Cultivars (Miss Sirwa Anwar Qadir). PhD. Split site.
- 6- Control Rooting Ability of olive (*Olea europaea* L. CV. Dagle) cuttings (Miss Banaz Abdullah Hassan. 2015).M.Sc .
- 7-Hypolipidemic efficacy of Terminalia arjuna stem bark in comparison with omega-3 and rosuvastatin in hyperlipidemic rats (Shahrokh Hossein Raza, 2015). M.Sc.
- 8- Response of Wheat Cultivars to Inoculation with Rhizobial Bacteria at Various Levels of NPK Fertilization (Trifa Dhahir Saber, 2019 ) PhD.Mixed
- 9- Effect of Potassium on Drought Tolerance of Wheat Hawler 2 Genotype (Shno Yahya Hussein, 2023). M.Sc.
- 10- Remediation of Petroleum-Contaminated Soil and water by plants and algal extract as a Nanoparticle Product and assessment of the variability using molecular techniques (Rebwar khdir Shekha, 2023) PhD.

#### **Conferences and courses attended**

1. Teaching Method training 1997.
2. Computer training 1998.
3. Higher Education Conference in Kurdistan region, Erbil, Iraq. 2006.

4. International Conference on Higher Education in Iraq.Kurdistan region, Erbil, Iraq. 2007.
5. Open Education or Far Education Conference in Jordan. Amman. 2007
6. International Conference on Revitalizing Research in Kurdistan, Erbil, Iraq. 2011.
7. 5<sup>th</sup> Scientific Conference of College of Agriculture -Tikrit University from 26 to 27 April 2011.
8. 5<sup>th</sup> Scientific Conference of Salahadin University- Erbil
9. The 1<sup>st</sup> Conference of Graduation researches 28-29 May 2011.
10. The 2<sup>nd</sup> Conference of Graduation researches 21-22 May 2012.
11. The 3<sup>rd</sup> Conference of Graduation researches 22-23 May 2013.
12. 4<sup>th</sup> International Conference and Workshops on Basic and Applied Sciences, Malaysia from 3<sup>rd</sup> to 5<sup>th</sup> September 2013.
13. The 4<sup>th</sup> Conference of Graduation researches 20-21 May 2014
14. The 5<sup>th</sup> Conference of Graduation researches 12 May 2015.
15. The 6<sup>th</sup> Conference of Graduation researches May 2016
16. The 7<sup>th</sup> Conference of Graduation researches May 2017
17. The 8<sup>th</sup> Conference of Graduation researches May 2019

## **Professional memberships**

1991-to date The Kurdistan Teachers Society

2008-to date The Kurdistan Biologist Society

## **Professional Social Network Accounts:**

[https://www.researchgate.net/profile/Mohammed\\_Qader\\_Khursheed2](https://www.researchgate.net/profile/Mohammed_Qader_Khursheed2)

<https://scholar.google.com/citations?user=ZQOIYcQAAAAJ&hl=en>

<https://www.facebook.com/mohammed.qaderkhursheed.3>

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